

| L Number | Hits  | Search Text  | DB  | Time stamp       |
|----------|-------|--|---|------------------|
| 7        | 56711 | plasmid  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/11 17:16 |
| 13       | 0     | (beta-interferon or beta ADJ interferon) same<br>(multiple ADJ sclerosis or experimental ADJ<br>allergic ADJ encephalomyelitis) same plasmid | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/11 17:17 |
| 1        | 6     | (beta-interferon or beta ADJ interferon) same<br>(multiple ADJ sclerosis or experimental ADJ<br>allergic ADJ encephalomyelitis)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/11 17:16 |
| 19       | 110   | (beta-interferon or beta ADJ interferon) same<br>plasmid   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/11 17:19 |
| 25       | 3     | (beta-interferon or beta ADJ interferon) same<br>plasmid same coding ADJ sequences   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/11 17:20 |
| -        | 1842  | beta-interferon or beta ADJ interferon   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:38 |
| -        | 857   | multiple ADJ sclerosis or experimental ADJ allergic<br>ADJ encephalomyelitis   | USPAT;<br>US PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:25 |
| -        | 4     | (beta-interferon or beta ADJ interferon) same<br>(multiple ADJ sclerosis or experimental ADJ<br>allergic ADJ encephalomyelitis)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/02/11 17:16 |
| -        | 18700 | gene ADJ therapy   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:31 |
| -        | 0     | ((beta-interferon or beta ADJ interferon).clm.)<br>same (gene ADJ therapy)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:31 |
| -        | 30    | ((beta-interferon or beta ADJ interferon).clm.) and<br>(gene ADJ therapy)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:31 |
| -        | 0     | (beta-interferon or beta ADJ interferon) SAME<br>(gene ADJ therapy).clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:39 |
| -        | 166   | (beta-interferon or beta ADJ interferon).clm.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:43 |
| -        | 9806  | braun\$.in.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:44 |
| -        | 1     | ((beta-interferon or beta ADJ interferon).clm.) and<br>braun\$.in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/08/05 15:44 |

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 LANGUAGE OF PUBL.: English  
 DOCUMENT TYPE: Patent  
 PATENT INFORMATION:

|                    | NUMBER  | KIND | DATE     |
|--------------------|---|------|----------|
|                    | WO 2000061620   | A1   | 20001019 |
| DESIGNATED STATES  | AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT PO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG |      |          |
| APPLICATION INFO.: | WO 2000-US9069  | A    | 20000406 |
| PRIORITY INFO.:    | US 1999-60/128,702  |      | 19990409 |
|                    | US 2000-60/177,049  |      | 20000120 |

ABEN The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

ABFR La presente invention concerne de nouvelles proteines humaines secretees et des acides nucleiques isoles qui contiennent les regions codantes des genes codant pour ces proteines. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps, et des procedes de recombinaison pour produire ces proteines humaines secretees. L'invention concerne de plus des methodes diagnostiques et therapeutiques utiles pour diagnostiquer et traiter des maladies, des affections et/ou des etats pathologiques liees a ces nouvelles proteines humaines secretees.

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(FILE 'HOME' ENTERED AT 10:08:09 ON 12 FEB 2003)

FILE 'MEDLINE' ENTERED AT 10:08:16 ON 12 FEB 2003

L1 4314 S BETA-INTERFERON OR INTERFERON-BETA  
 L2 438 S HUMAN BETA-INTERFERON OR HUMAN INTERFERON-BETA  
 L3 156575 S VECTOR OR PLASMID OR EXPRESSION VECTOR  
 L4 819 S NAKED DNA  
 L5 0 S L2 (S) L4  
 L6 61 S L2 (S) L3  
 L7 20105 S GENE THERAPY  
 L8 6 S L2 (S) L3 (S) L7  
 L9 100 S L4 (S) L7  
 L10 348060 S REVIEW  
 L11 11 S L4 (S) L7 (S) L10  
 L12 25816 S MULTIPLE SCLEROSIS  
 L13 21 S L7 (S) L12 (S) L12  
 L14 1 S L7 (S) L12 (S) L4  
 L15 0 S L7 (L) L12 (L) L4 (L) L1  
 L16 0 S L7 (L) L12 (L) L4 (L) L2

L17 1 S L7 (L) L12 (L) L4  
L18 11 S L7 (S) L10 (S) L4  
L19 5 S L12 (S) L4

FILE 'MEDLINE, PCTFULL, USPATFULL' ENTERED AT 10:23:49 ON 12 FEB 2003

L20 23 S L2 (S) L4 (S) L7  
L21 23 DUP REM L20 (0 DUPLICATES REMOVED)  
L22 20 S L2 (S) L4 (S) L7 (S) L12  
L23